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PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

	(FOT Attack To distribute	
Applicant's or agent's file reference	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
RLL-374WO International application No.	International filing date (day/month/ye	ar) (Earliest) Priority Date (day/month/year)
International application No.		01/04/2003
PCT/IB2004/001003	01/04/2004	01/04/2003
Applicant		
RANBAXY LABORATORIES LIMIT	red	
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searchi ansmitted to the International Bureau.	ng Authority and is transmitted to the applicant
1		3.
This International Search Report consists	a copy of each prior art document cited	in this report.
X It is also accompanied by	a copy of each phor art document energy	
language in which it was filed, un	iess officialise malcated ander the	the basis of the international application in the
The international this Authority (Ru	search was carried out on the basis of alle 23.1(b)).	a translation of the international application furnished to
b. With regard to any nucle	otide and/or amino acid sequence di	sclosed in the international application, see Box No. I.
2. X Certain claims were for	und unsearchable (See Box II).	
3. X Unity of invention is la	cking (see Box III).	
4. With regard to the title,		
X the text is approved as s	submitted by the applicant.	
the text has been establ	ished by this Authority to read as follows	S:
		·
		·
5. With regard to the abstract,	N	
[submitted by the applicant.	Authority as it appears in Box No. IV. The applicant
the text has been estab may, within one month	lished, according to Rule 38.2(b), by thi from the date of mailing of this internation	s Authority as it appears in Box No. IV. The applicant onal search report, submit comments to this Authority.
6. With regards to the drawings ,	•	
a. the figure of the drawings to be	e published with the abstract is Figure N	lo
as suggested t	by the applicant.	
as selected by	this Authority, because the applicant fai	iled to suggest a figure.
as selected by	this Authority, because this figure bette	r characterizes the invention.
f the figures is to	be published with the abstract.	
b none of the ligures is to		

International application No. PCT/IB2004/001003

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
This memalional coales as a second se			
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: Although claim 25 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the			
body, the search has been carried out and saves compound/composition.			
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:			
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:			
see additional sheet			
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.			
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Protest The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.			

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claim 25 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-22

Process for producing substantially pure pravastatin, the process comprising culturing microorganisms under conditions capable of converting compactin to pravastatin by maintaining a concentration of compactin not less than 300 mu.g/ml during the process.

2. claims: 23-25

Substantially pure pravastatin, a pharmaceutical composition comprising said pravastatin and a method of treating hypercholesterolemia comprising administering said pharmaceutical composition.

IONAL SEARCH REPORT

International Application No PCT/IB2004/001003

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12P7/62 C12P17/06 //(C12P7/62,C12R1:465)

C07C67/00

A61K31/215

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\frac{\text{Minimum documentation searched (classification system followed by classification symbols)}{IPC~7~C12P~C07C~A61K}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, FSTA

C. DOCUME	NTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	
Х	WO 98/45410 A (YUNGJIN PHARMACEUTICAL IND CO; KIM JI YOON (KR); LEE JOO KYUNG (KR);) 15 October 1998 (1998-10-15) page 9, line 15 - line 27; claims 2,4	1-22
P,X	PARK J00-W00NG ET AL: "Bioconversion of compactin into pravastatin by Streptomyces sp." BIOTECHNOLOGY LETTERS, vol. 25, no. 21, November 2003 (2003-11), pages 1827-1831, XP008033522 ISSN: 0141-5492 the whole document	1-22

Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family Date of mailing of the international search report
Date of the actual completion of the international search	0 1 11 2004
18 October 2004	
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Devijver, K

INTERN ONAL SEARCH REPORT

International Application No
PCT/IB2004/001003

C.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	
A	HOSOBUCHI M ET AL: "APPLICATION OF COMPUTER TO MONITORING AND CONTROL OF FERMENTATION PROCESS: MICROBIAL CONVERSION OF ML-236B NA TO PRAVASTATIN" BIOTECHNOLOGY AND BIOENGINEERING, INTERSCIENCE PUBLISHERS, LONDON, GB, vol. 42, no. 7, 1993, pages 815-820, XP002036625 ISSN: 0006-3592 cited in the application the whole document	1-22
A	US 2002/081675 A1 (HORVATH GYULA ET AL) 27 June 2002 (2002-06-27)	1-22
X	cited in the application page 1 - page 2 page 5, paragraph 36 page 6, paragraph 44; example 2	23-25
Α	US 2001/026934 A1 (YASHPHE JACOB ET AL) 4 October 2001 (2001-10-04) cited in the application the whole document	1-22
Α	WO 00/17182 A (LEK TOVARNA FARMACEVTSKIH; MILIVOJEVIC DUSAN (SI); BASTARDA ANDREJ (S) 30 March 2000 (2000-03-30)	1-22
Χ	abstract; claims 26-29; examples 1-5	23-25
X	GRAHEK R ET AL: "Chromatographic purification of some 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors" JOURNAL OF CHROMATOGRAPHY, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 918, no. 2, 25 May 2001 (2001-05-25), pages 319-324, XP004239132 ISSN: 0021-9673 the whole document	23-25
X	DATABASE WPI Section Ch, Week 200250 Derwent Publications Ltd., London, GB; Class B05, AN 2002-471387 XP002301127 -& JP 2002 128739 A (SANKYO CO LTD) 9 May 2002 (2002-05-09) abstract	23-25

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